



ATTORNEY'S DOCKET NO: C01104/70089 (RFG/JT)

#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Frederick M. Morgan, Ihor A. Lys, George G. Mueller, and Kevin J. Dowling
Serial No: 10/040,292
Confirmation No: 1752
Filed: October 25, 2001
For: LIGHT SOURCES FOR ILLUMINATION OF LIQUIDS
Examiner: Unassigned
Art Unit: 2821

COPY OF PAPERS
ORIGINALLY FILED

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to the Commissioner for Patents, Washington, D.C. 20231, on the 14th day of May, 2002.

Janine Michalski
Janine Michalski

BOX: MISSING PARTS
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

RESPONSE TO THE NOTICE TO FILE MISSING PARTS

Sir:

In response to the Notice to File Missing Parts dated February 14, 2002, Applicants respectfully submit for filing an original document entitled Declaration for Patent Application and substitute drawings in compliance with 37 C.F.R. 1.84.

Applicants also respectfully note here that the Domestic Priority Data as Claimed by Applicants appearing on the filing receipt following this Response should appear as follows:

THIS APPLN CLAIMS BENEFIT OF 60/243,250 10/25/2000
AND CLAIMS BENEFIT OF 60/296,377 06/06/2001
AND CLAIMS BENEFIT OF 60/297,828 06/13/2001
AND CLAIMS BENEFIT OF 60/290,101 05/10/2001
AND A CIP OF 09/669,121 09/25/2000
WHICH IS A CON OF 09/425,770 10/22/1999 PAT 6,150,774
WHICH IS A CON OF 08/920,156 08/26/1997 PAT 6,016,038
THIS APPLICATION 10/040,292
IS A CIP OF 09/215,624 12/17/1998
AND A CIP OF 09/213,607 12/17/1998

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AND A CIP OF 09/213,189 12/17/1998
AND A CIP OF 09/213,581 12/17/1998
AND A CIP OF 09/213,540 12/17/1998
AND A CIP OF 09/333,739 06/15/1999
AND A CIP OF 09/344,699 06/25/1999
AND A CIP OF 09/616,214 07/14/2000
AND A CIP OF 09/870,418 05/30/2001
AND A CIP OF 09/805,368 03/13/2001
AND A CIP OF 09/805,590 03/13/2001
AND A CIP OF 09/870,193 05/30/2001
AND A CIP OF 09/742,017 12/20/2000
WHICH IS A CON OF 09/213,548 12/17/1998 PAT 6,166,496
AND 09/815,418 03/22/2001
WHICH ALSO IS A CON OF 09/213,548 12/17/1998 PAT 6,166,496
THIS APPLN CLAIMS BENEFIT OF 60/071,281 12/17/1997
AND CLAIMS BENEFIT OF 60/068,792 12/24/1997
AND CLAIMS BENEFIT OF 60/078,861 03/20/1998
AND CLAIMS BENEFIT OF 60/079,285 03/25/1998
AND CLAIMS BENEFIT OF 60/090,920 06/26/1998

A copy of the Filing Receipt marked with corrections in red is enclosed.

The check enclosed includes the fee of \$1,320.00 for payment of the basic filing fee, the surcharge for the filing of the late declaration, the fee for additional claims, the multiple dependent claim surcharge, and a One Month Extension. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

Frederick M. Morgan, et al., Applicants

By: 

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Joseph Teja, Jr., Reg. No. 45,157
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Tel. (617) 720-3500
Attorneys for Applicants

Docket No. C01104/70088 (RFG/JT)
Dated: May 14, 2002

615459.1

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D. C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/040,292	10/25/2001		C01104/70089 RFG

CONFIRMATION NO. 1752

FORMALITIES LETTER



OC000000007473707

23628
WOLF GREENFIELD & SACKS, PC
FEDERAL RESERVE PLAZA
600 ATLANTIC AVENUE
BOSTON, MA 02210-2211

Date Mailed: 02/14/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 370 to complete the basic filing fee for a small entity.
- Total additional claim fee(s) for this application is \$830.
 - \$522 for 58 total claims over 20.
 - \$168 for 4 independent claims over 3.
 - \$140 for multiple dependent claim surcharge.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1265.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e));

05/29/2002 DEHAW 00000061 10040292

01 FC:201	370.00 OP
12 FC:202	522.00 OP
13 FC:202	168.00 OP
24 FC:204	140.00 OP
04 FC:205	53.00 OP

208250.2520101

A copy of this notice MUST be returned with the reply.

AB
Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

208250-26204001

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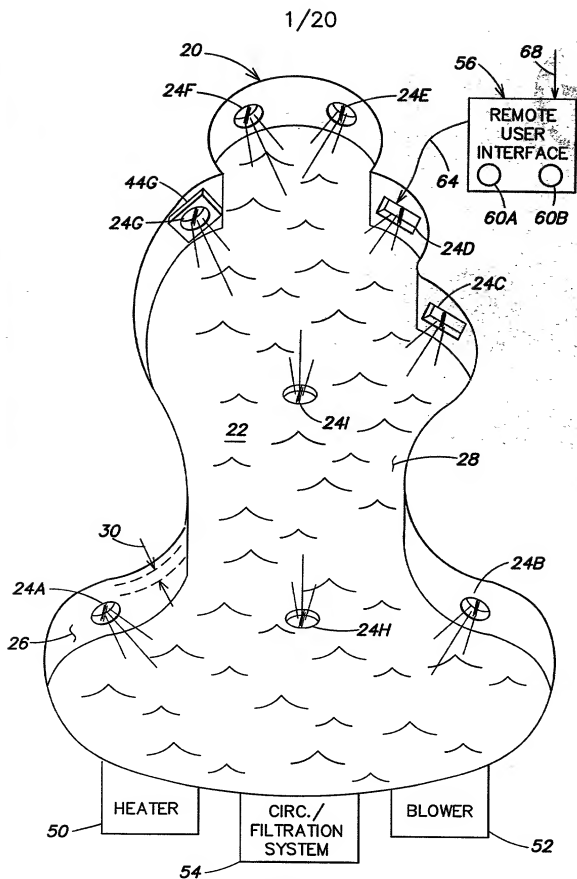


FIG. 1

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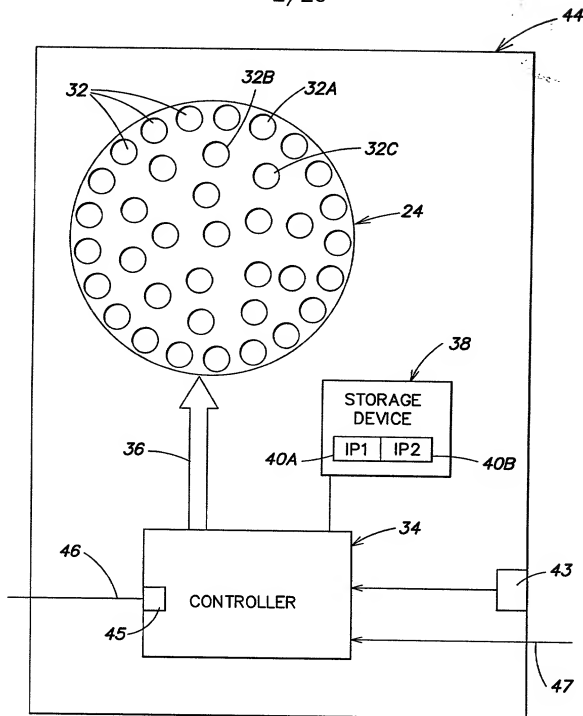


FIG. 2

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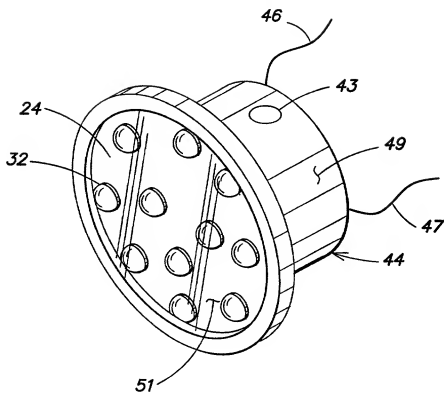


FIG. 3

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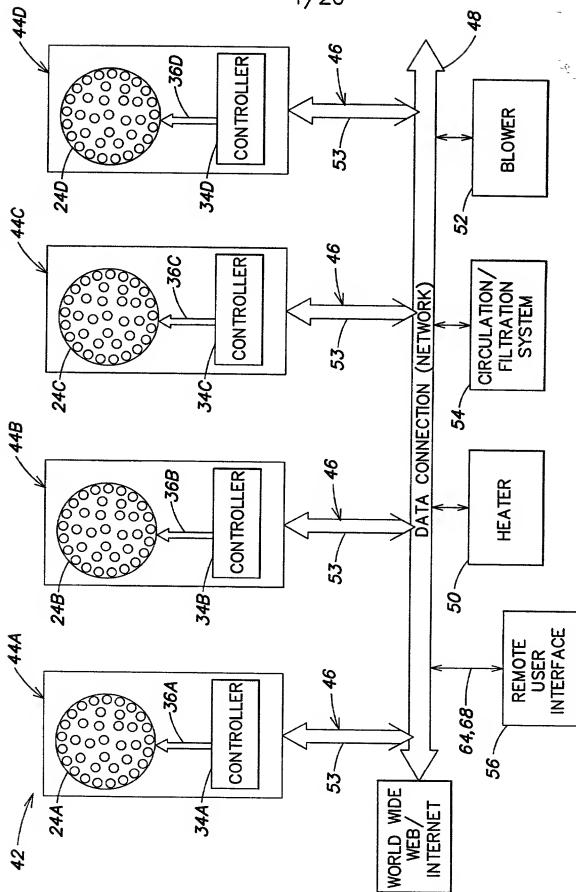


FIG. 4

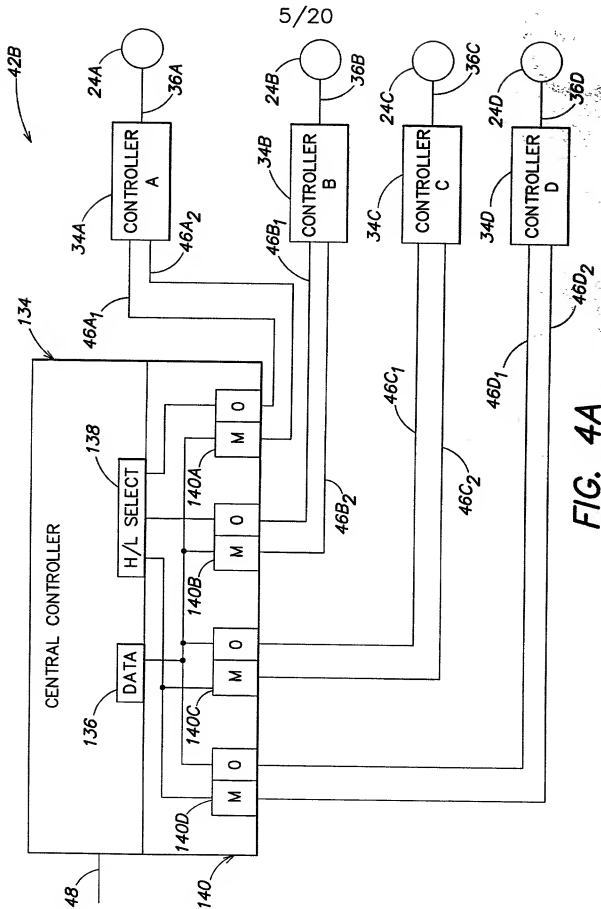


FIG. 4A

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CONTROLLER	MODE (M)	OPTION (O)
A	DATA	LOGIC HIGH
B	DATA	LOGIC LOW
C	LOGIC HIGH	DATA
D	LOGIC LOW	DATA

FIG. 4B

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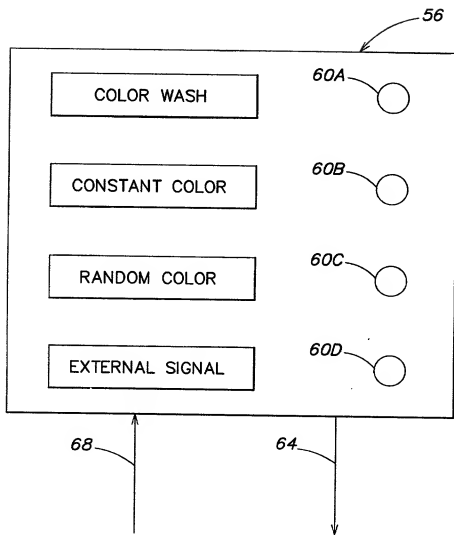


FIG. 5

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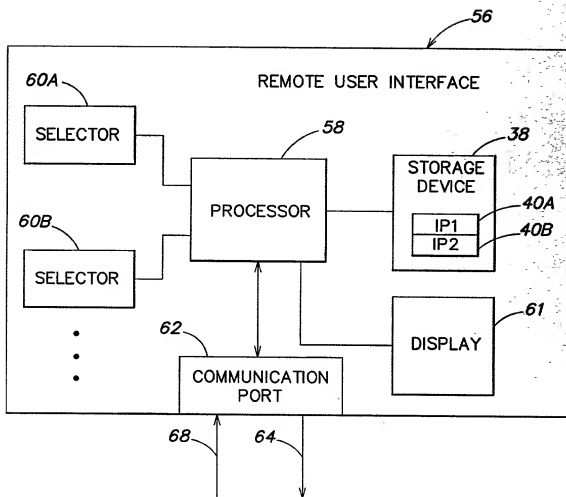


FIG. 6

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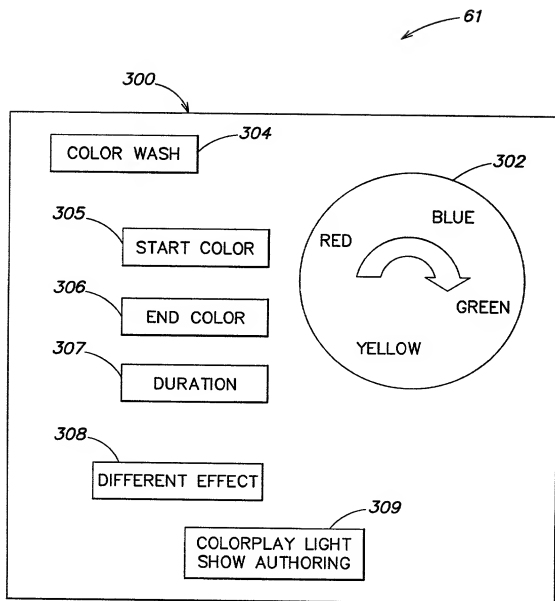


FIG. 7

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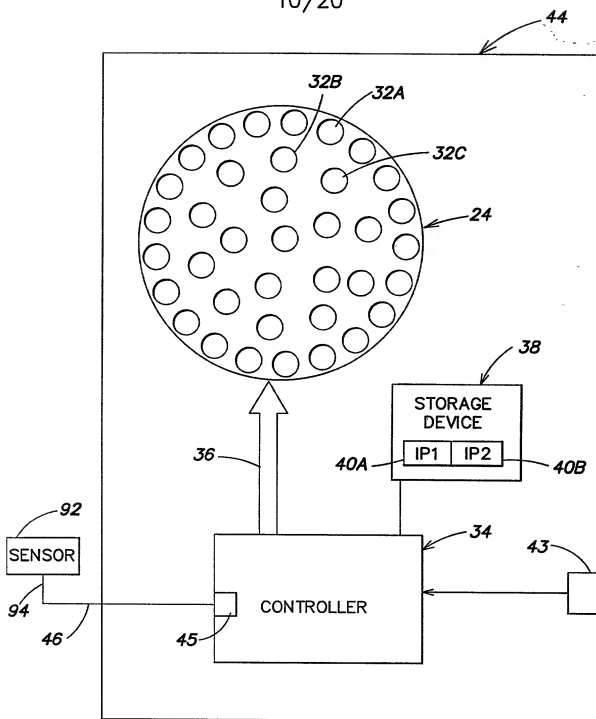


FIG. 8

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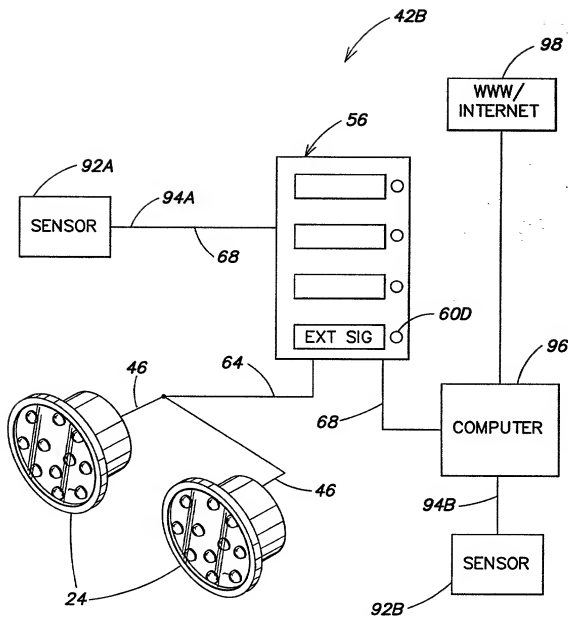


FIG. 9

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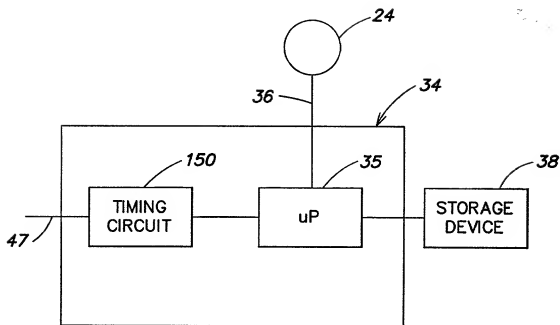


FIG. 10

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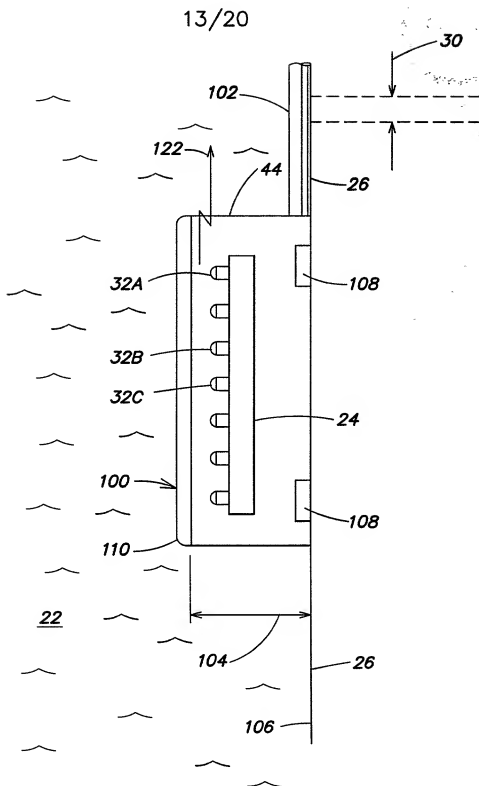


FIG. 11

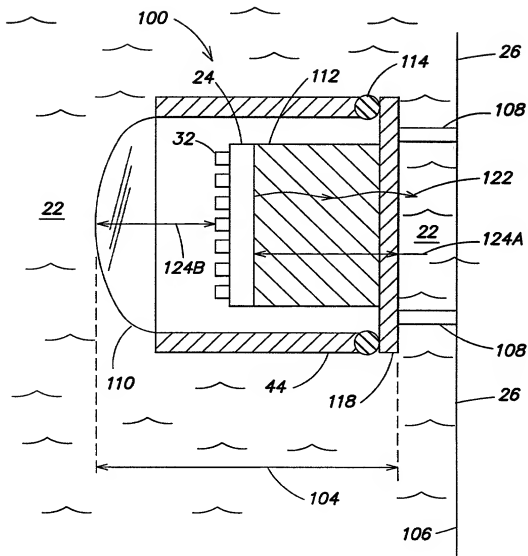


FIG. 12

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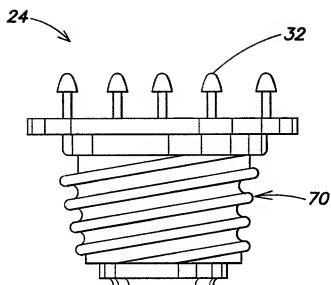


FIG. 13

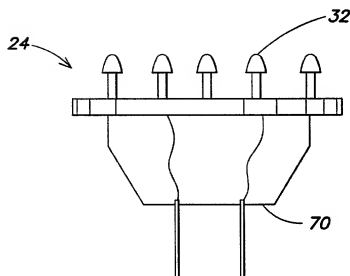


FIG. 14

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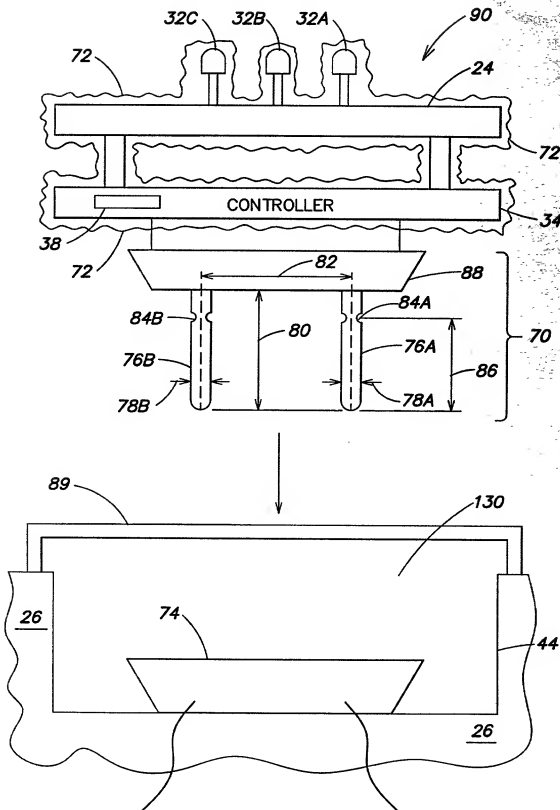


FIG. 15

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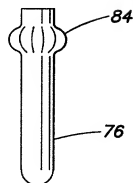


FIG. 16A

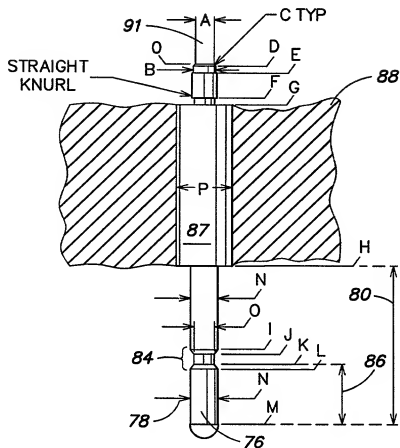


FIG. 16B

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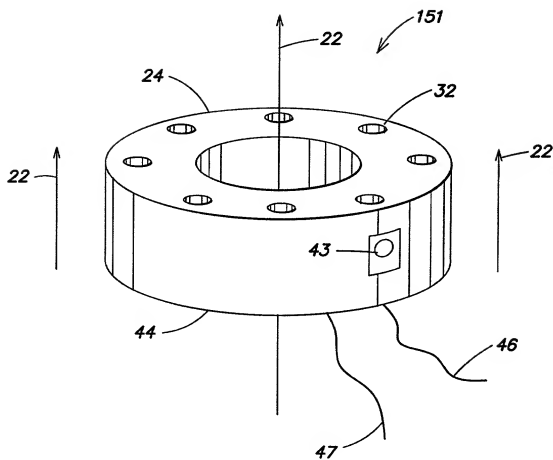


FIG. 17

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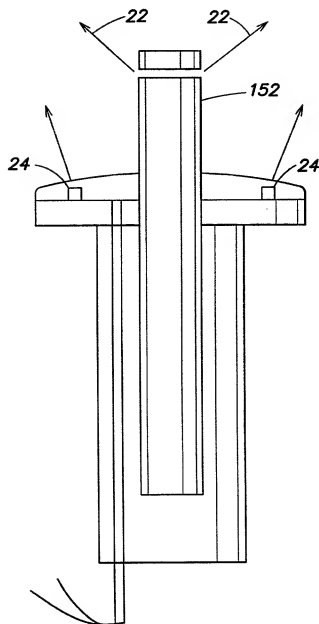


FIG. 18

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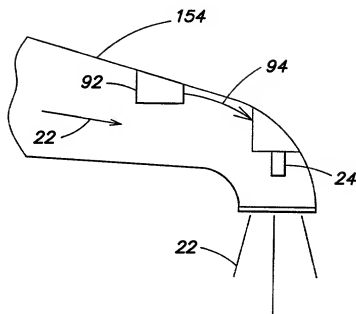


FIG. 19

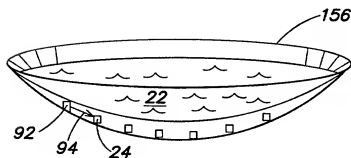


FIG. 20

208250-2620400T

#3



Serial No.: 10/040,292

-1-

Docket No.: C01104/70089

DECLARATION FOR PATENT APPLICATIONCOPY OF PAPERS
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As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

LIGHT SOURCES FOR ILLUMINATION OF LIQUIDS

the specification of which is attached hereto unless the following is checked:

[X] was filed on October 25, 2001, as United States Application No. 10/040,292, bearing attorney docket No. C01104/70089.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

Priority Claimed

(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

60/243,250
(Application No.)

10/25/00
(filing date)

60/296,377
(Application No.)

06/06/01
(filing date)

60/297,828
(Application No.)

06/13/01
(filing date)

2002052802 10040292

60/290,101
(Application No.)

05/10/01
(filing date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u>09/669,121</u> (Application No.)	<u>09/25/00</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/425,770</u> (Application No.)	<u>10/22/99</u> (filing date)	<u>patented</u> (status-patented, pending, abandoned)
<u>08/920,156</u> (Application No.)	<u>08/26/97</u> (filing date)	<u>patented</u> (status-patented, pending, abandoned)
<u>09/215,624</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,607</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,189</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,581</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,540</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/333,739</u> (Application No.)	<u>06/15/99</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/344,699</u> (Application No.)	<u>06/25/99</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/616,214</u> (Application No.)	<u>07/14/00</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/870,418</u> (Application No.)	<u>05/30/01</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)

10040292-052602

09/805,368
(Application No.)

03/13/01
(filing date)

pending
(status-patented, pending, abandoned)

09/805,590
(Application No.)

03/13/01
(filing date)

pending
(status-patented, pending, abandoned)

09/870,193
(Application No.)

05/30/01
(filing date)

pending
(status-patented, pending, abandoned)

09/742,017
(Application No.)

12/20/00
(filing date)

pending
(status-patented, pending, abandoned)

09/213,548
(Application No.)

12/17/98
(filing date)

patented
(status-patented, pending, abandoned)

09/815,418
(Application No.)

03/22/01
(filing date)

pending
(status-patented, pending, abandoned)

60/071,281
(Application No.)

12/17/97
(filing date)

abandoned
(status-patented, pending, abandoned)

60/078,861
(Application No.)

03/20/98
(filing date)

abandoned
(status-patented, pending, abandoned)

60/079,285
(Application No.)

03/25/98
(filing date)

abandoned
(status-patented, pending, abandoned)

60/090,920
(Application No.)

06/26/98
(filing date)

abandoned
(status-patented, pending, abandoned)

60/068,792
(Application No.)

12/24/97
(filing date)

abandoned
(status-patented, pending, abandoned)

PCT International Applications designating the United States:

(PCT Appl. No.) (U.S. Ser. No.) (PCT filing date) (status-patented, pending, abandoned)

(PCT Appl. No.) (U.S. Ser. No.) (PCT filing date) (status-patented, pending, abandoned)


I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert M. Abrahamsen	40,886	Jason M. Honeyman	31,624	Edward J. Russavage	43,069
Konstantinos Andrikopoulos	48,915	Robert E. Hunt	39,231	Robert A. Skrivaneck, Jr.	41,316
Eric Amundsen	46,518	Ronald J. Kransdorf	20,004	Alan W. Steele	45,128
John N. Anastasi	37,765	Peter C. Lando	34,654	Mark Steinberg	40,829
Ilan Barzilay	46,540	M. Brad Lawrence	47,210	Joseph Teja, Jr.	45,157
Carole Boelitz	48,958	Helen C. Lockhart	39,248	Maria A. Trevisan	48,207
Gary S. Engelson	35,128	Matthew B. Lowrie	38,228	John R. Van Amsterdam	40,212
Neil P. Ferraro	39,188	William R. McClellan	29,409	Robert H. Walat	46,324
Thomas G. Field III	45,596	Daniel P. McLoughlin	46,066	Kristin D. Wheeler	43,583
Stephen R. Finch	42,534	Chantal Morgan-D'Apuzzo	48,825	Lisa E. Winsor	44,405
Edward R. Gates	31,616	James H. Morris	34,681	David Wolf	17,528
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Lawrence M. Green	29,384	Edward F. Perlman	28,105	Edward Nortrup	42,941
George L. Greenfield	17,756	Elizabeth R. Plumer	36,637		
James M. Hanifin, Jr.	39,213	Michael J. Pomianek	46,190		
Steven J. Henry	27,900	Jeffrey B. Powers	45,021		
		Randy J. Pritzker	35,986		

Address all telephone calls to Richard F. Giunta at telephone no. (617) 720-3500. Address all correspondence to

Richard F. Giunta
c/o Wolf, Greenfield & Sacks, P.C.,
Federal Reserve Plaza
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


Inventor's signature

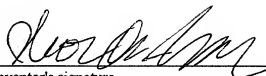
Full name of first inventor: Frederick M. Morgan

Citizenship: U.S.A.

Residence: Quincy, MA

Post Office Address: 157 Butler Road, Quincy, MA 02169

4/20/02
Date



Inventor's signature

Full name of second inventor: Ihor A. Lys

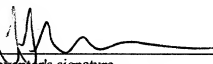
Citizenship: U.S.A.

Residence: Boston, MA

Post Office Address: 476 Beacon Street, Apartment 6, Boston, MA 02115

5-3-02

Date



Inventor's signature

Full name of third inventor: George G. Mueller

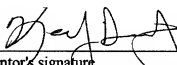
Citizenship: U.S.A.

Residence: Boston, MA

Post Office Address: 234 Hanover Street, Boston, MA 02113

5-6-02

Date



Inventor's signature

Full name of fourth inventor: Kevin J. Dowling

Citizenship: U.S.A.

Residence: Westford, MA

Post Office Address: 23 Village View Road, Westford, MA 01886

4/22/02

Date

10040292.052802